

REMARKS

Claims 1-21 are cancelled. New claims 22-38 are added. Claims 22-25 are supported in the specification as filed at p. 8, lines 5-23. Claims 26-29 are supported at p. 4, line 27 – p. 5, line 7. Claims 30-38 are supported at p. 8, lines 5-23, Fig. 3, and p. 6, line 5 – p. 7, line 29. No new matter is added.

Independent claims 22, 26 and 30 include the limitation that the IIP3 of a LNA in the receiver is adjusted in response to the transmit power of a transmitter in the transceiver. This limitation was originally recited in claims 2, 9 and 16. In the Final Office Action of April 9, 2002, the Examiner asserted, in the rejection of claims 2, 9 and 16 on p. 3, “Younis discloses that the adjustment includes a measurement of a received (and thus transmitted) power level.” This interpretation of “a transmit power level” is inapplicable to claims 22, 26 and 30, each of which explicitly recite a transmitter in the transceiver. Claim 22 recites “detecting at least high and low transmit powers of the transmitter,” where “the transmitter” refers unambiguously to the transmitter recited in the preamble as part of the transceiver. Claims 26 and 30 explicitly recite a transmitter having a variable transmit power, and identify at least two such transmit powers. Subsequent reference to transmit power unambiguously refers to the transmit power of the variable-power transmitter in the transceiver. Furthermore, this is the only reasonable interpretation consistent with the specification, which discusses the transmit power of the transceiver as a function of the distance of the transceiver from a base station. p. 8, line 24 – p. 9, line 15.

Neither Rich nor Younis, alone or in combination, teach or suggest that either the gain or the IIP3 of a LNA in a receiver may be advantageously adjusted in any manner in response to or as a result of the transceiver’s own transmit power. Accordingly, the pending claims define patentably over the art of record. Prompt allowance of all pending claims is respectfully requested.

Respectfully submitted,

COATS & BENNETT, P.L.L.C.

A handwritten signature in cursive script, appearing to read "Edward H. Green, III", written over a horizontal line.

Edward H. Green, III  
Attorney for Applicants  
Registration No.: 42,604

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P.O. Box 5  
Raleigh, NC 27602  
Telephone: (919) 854-1844